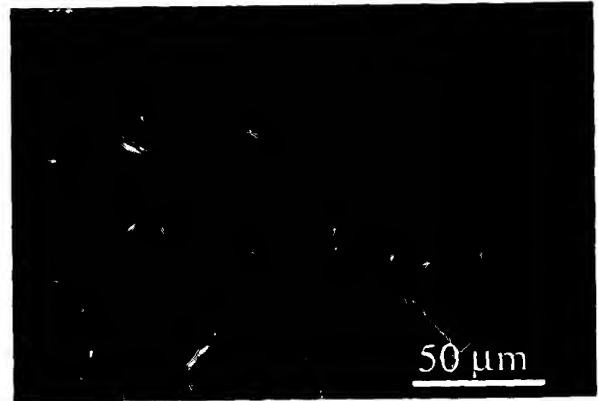


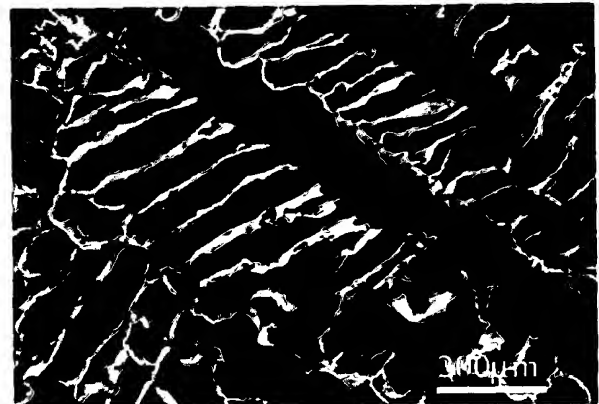
A



B



C



D

**FIG. 1**

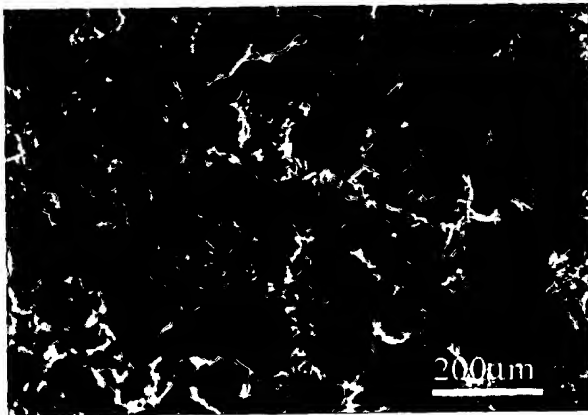
09/939,838 120301



**A**



**B**



**C**



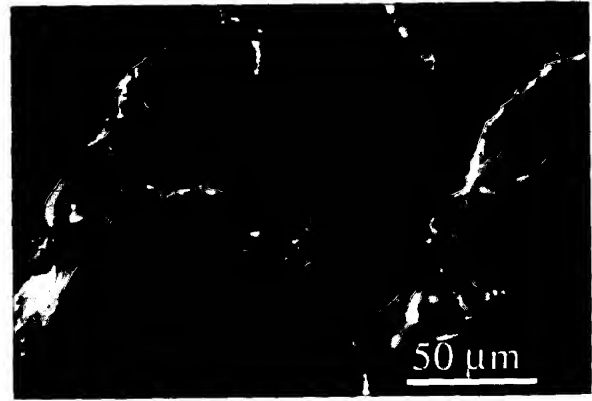
**D**

**FIG. 2**

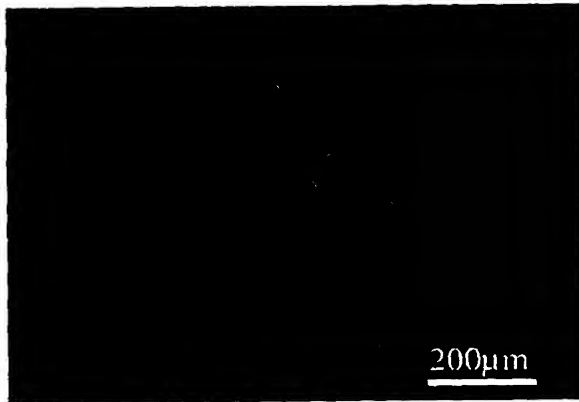
09/939,838 12/01



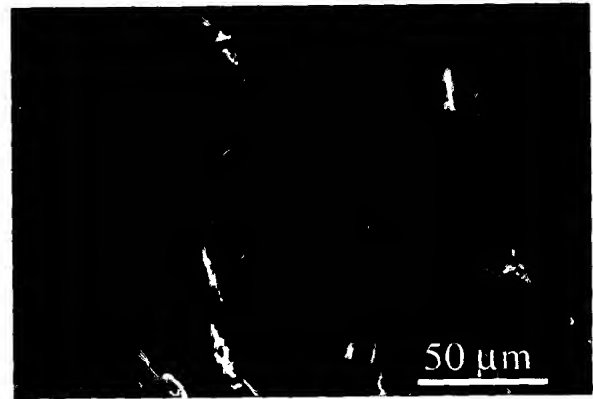
**A**



**B**



**C**



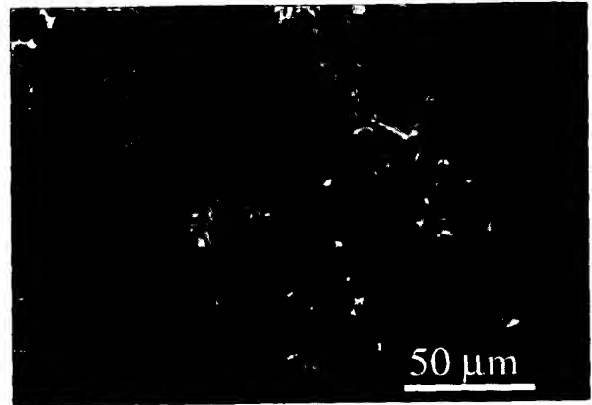
**D**

**FIG. 3**

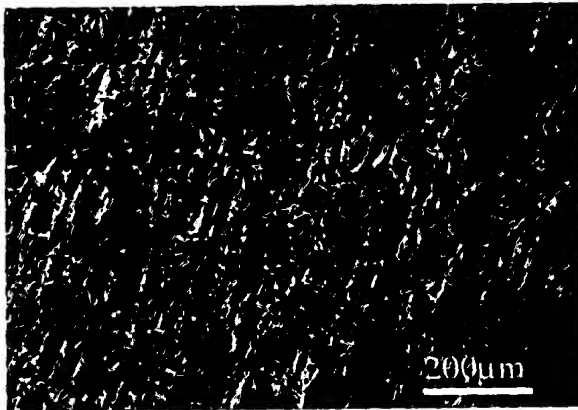
09/939,838 1-2001



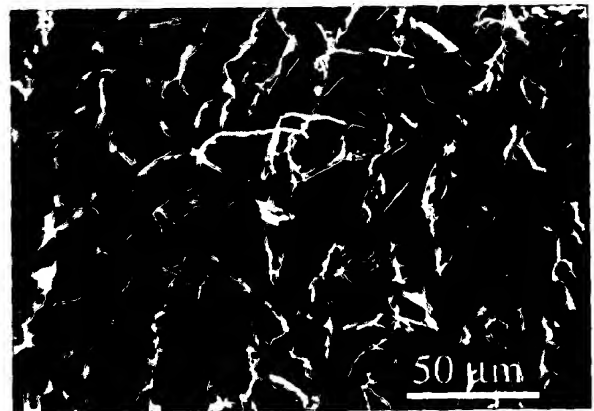
**A**



**B**



**C**



**D**

**FIG. 4**

FOE021 12E35E550

FIG. 5

ION CONCENTRATIONS OF VARIOUS SIMULATED BODY FLUIDS AND HUMAN BLOOD PLASMA									
ION CONCENTRATION (mM)									
	pH	Na	K	Ca	Mg	Cl	HCO <sub>3</sub>	HPO <sub>4</sub>	SO <sub>4</sub>
HUMAN PLASMA	7.4	142.0	5.0	2.5	1.5	103.0	27.0	1.0	0.5

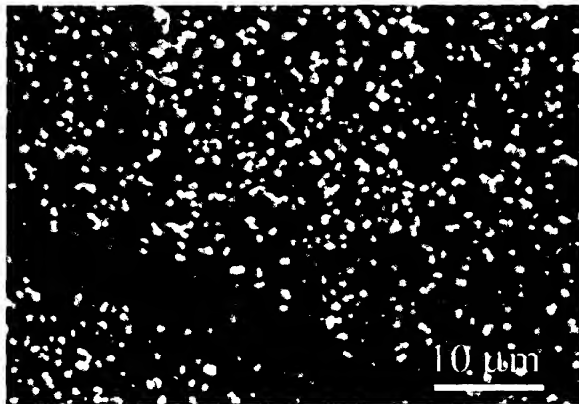
FIG. 5



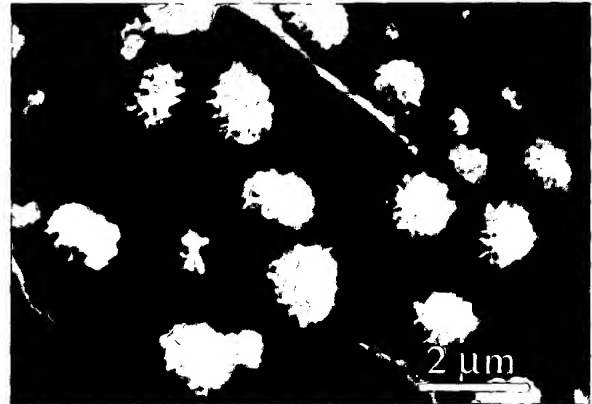
**A**



**B**



**C**



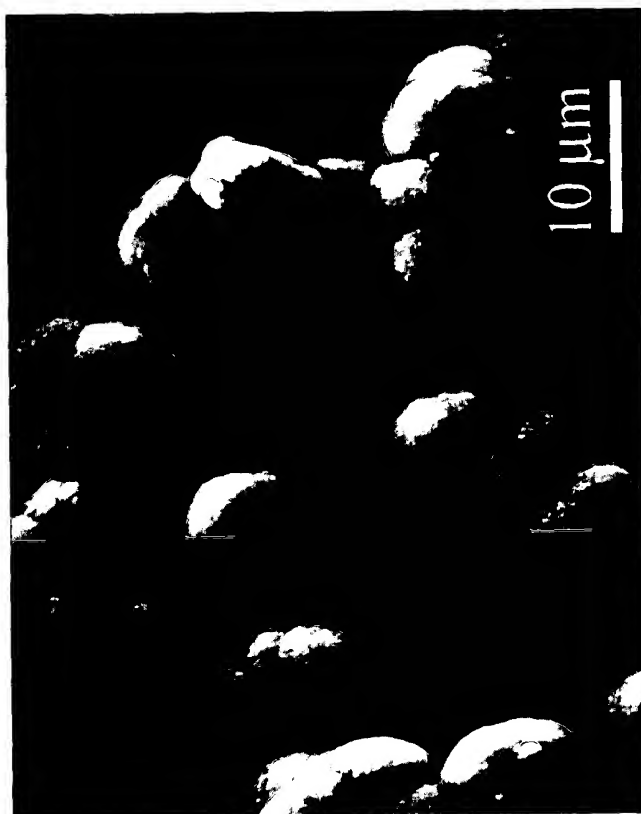
**D**

**FIG. 6**

09939838-120301  
FIG. 6



B



A

FIG. 8

FIG. 8A and 8B are micrographs of the porous composite materials.

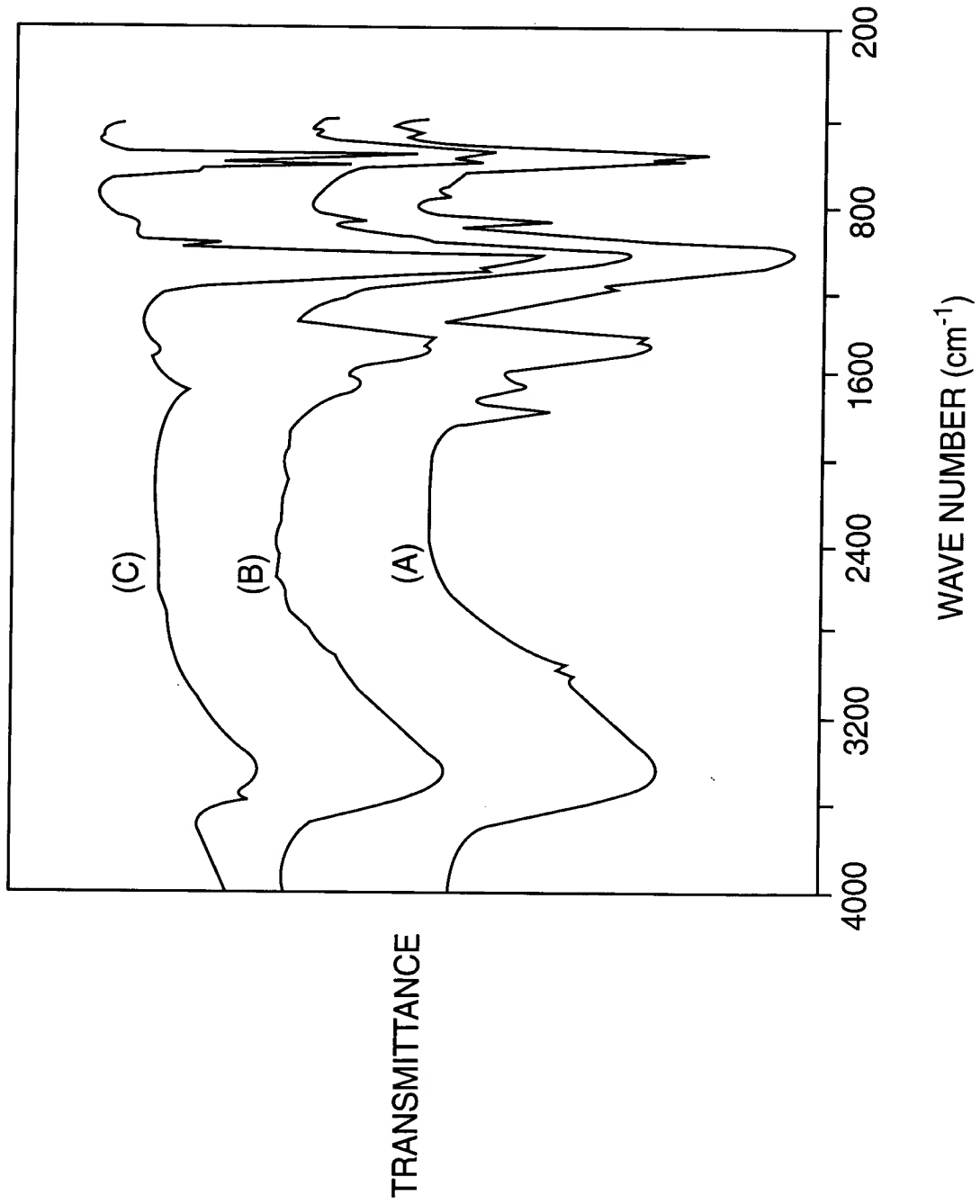
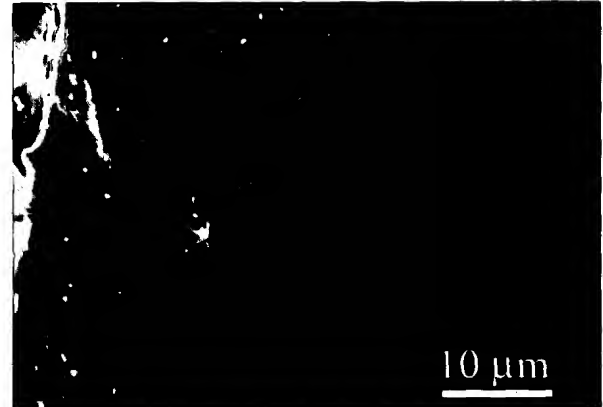


FIG. 9

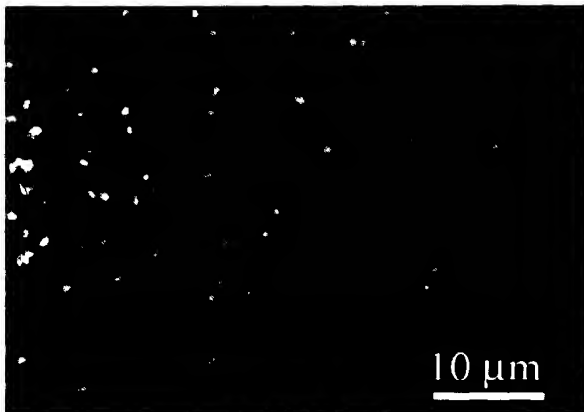




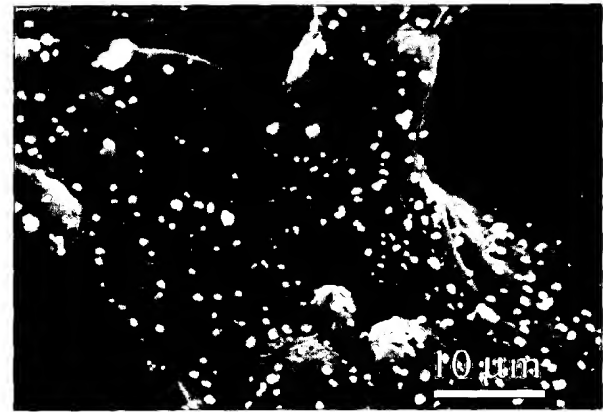
**A**



**B**



**C**



**D**

**FIG. 10**

0939838-120304

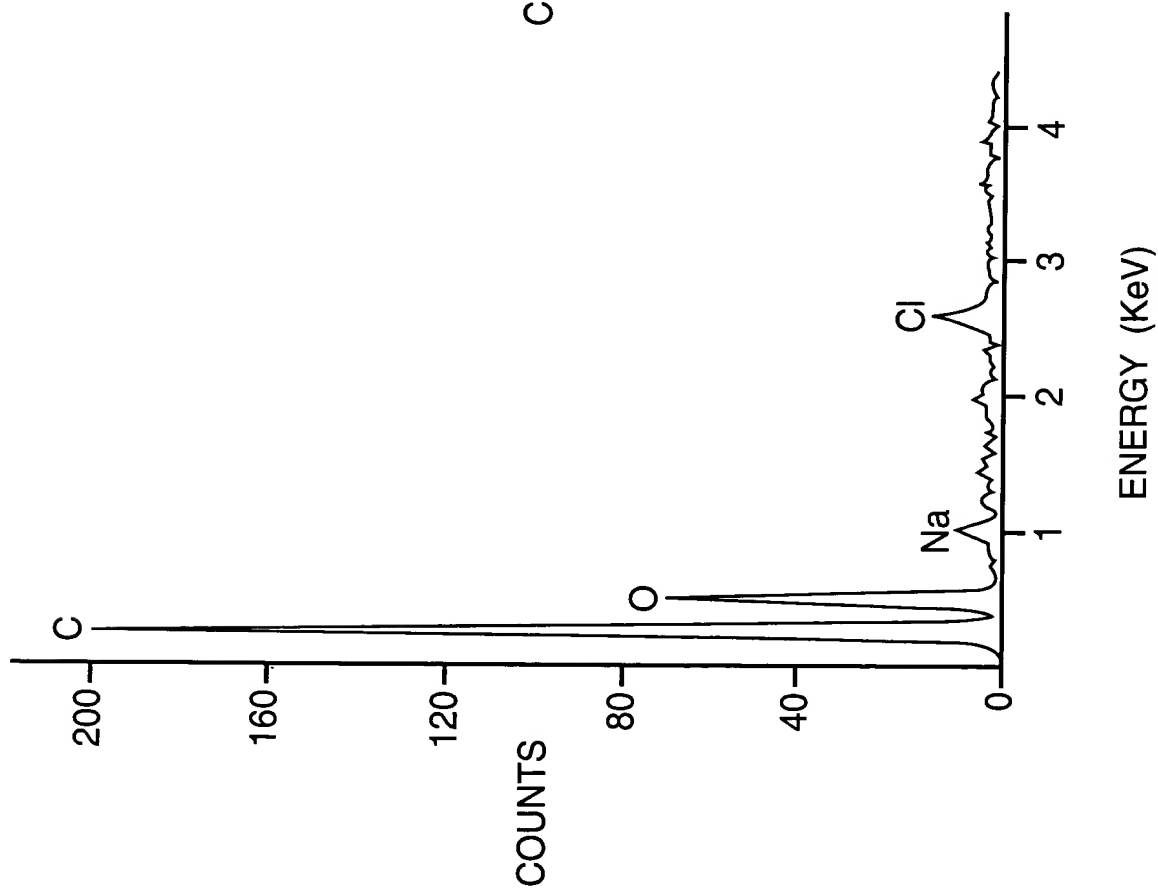


FIG. 11A

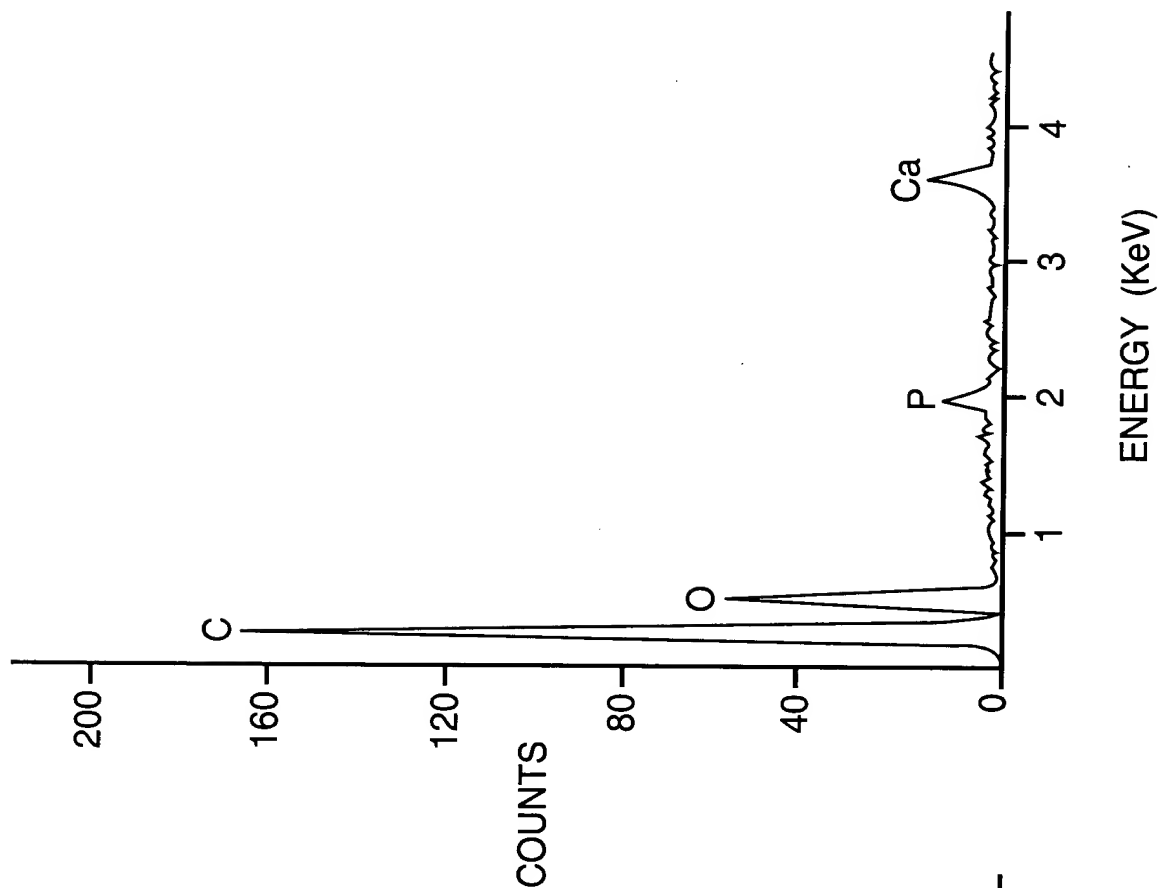


FIG. 11B

FOE02T" 8E86E660

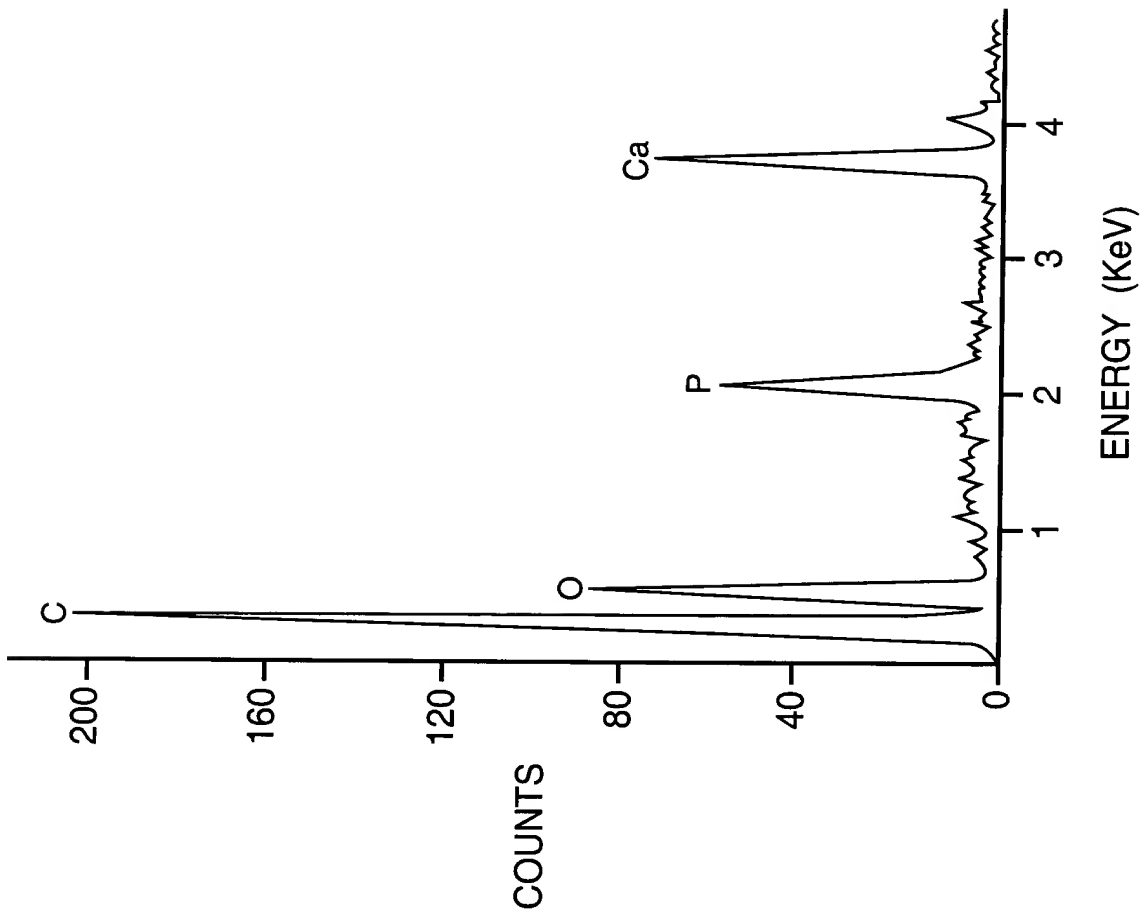
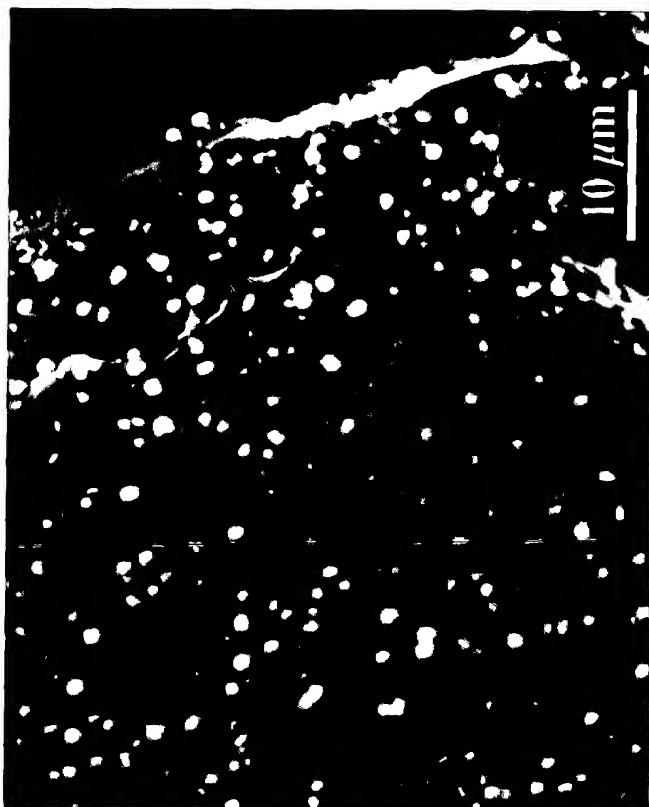


FIG. 11C



B

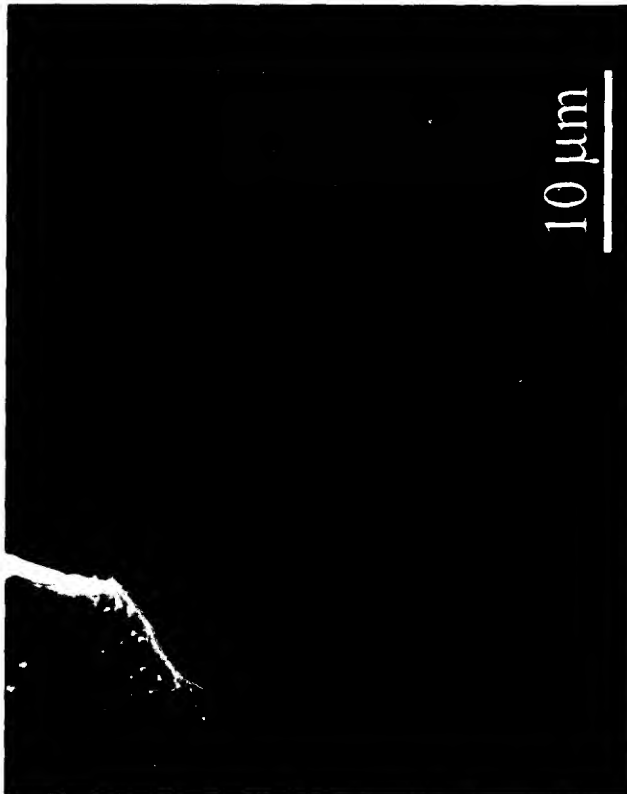


A

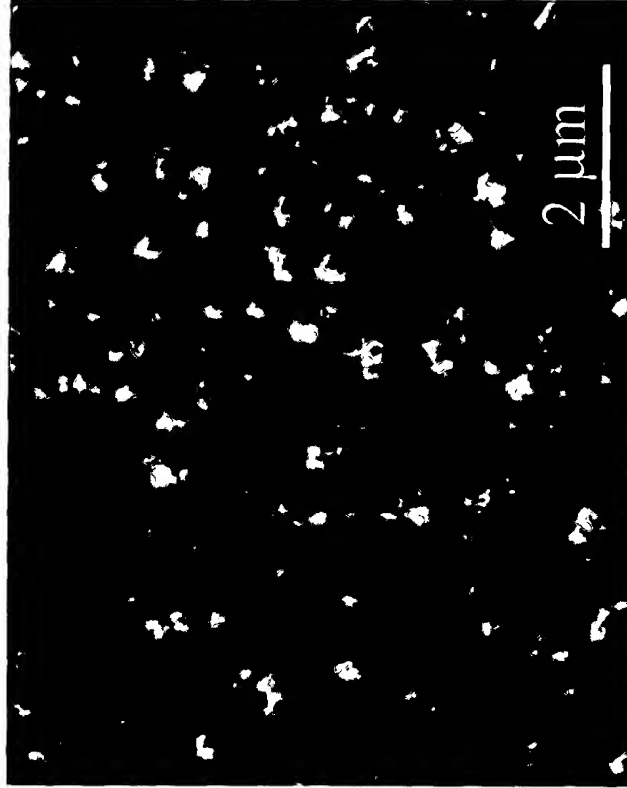
FIG. 12

FIG. 12

TOE027" 8E86E66D

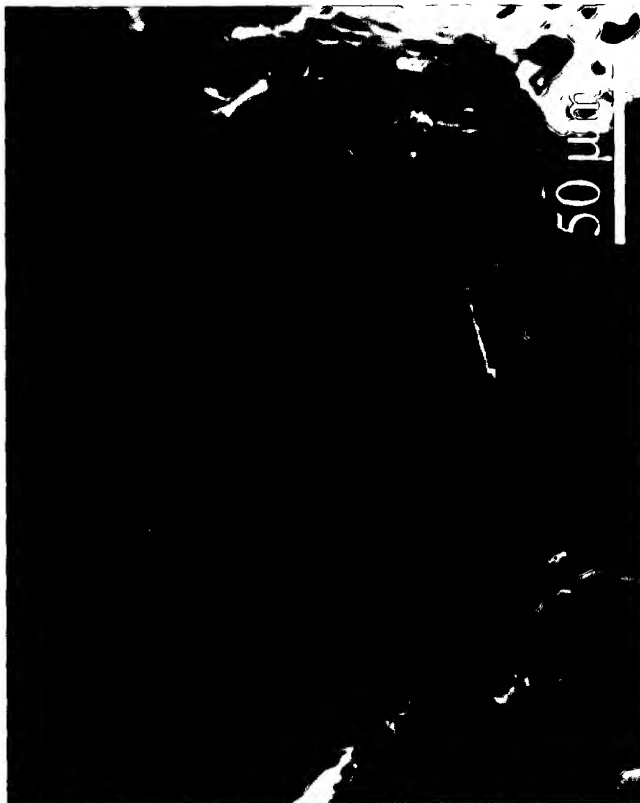


A



B

**FIG. 13**



B



A

FIG. 14

FIG. 14



B



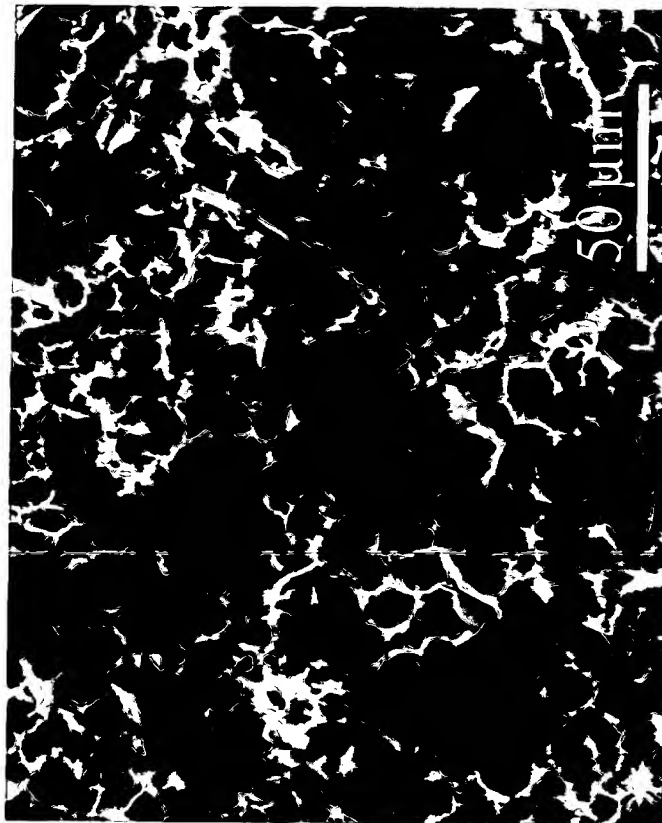
A

FIG. 15

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**B**

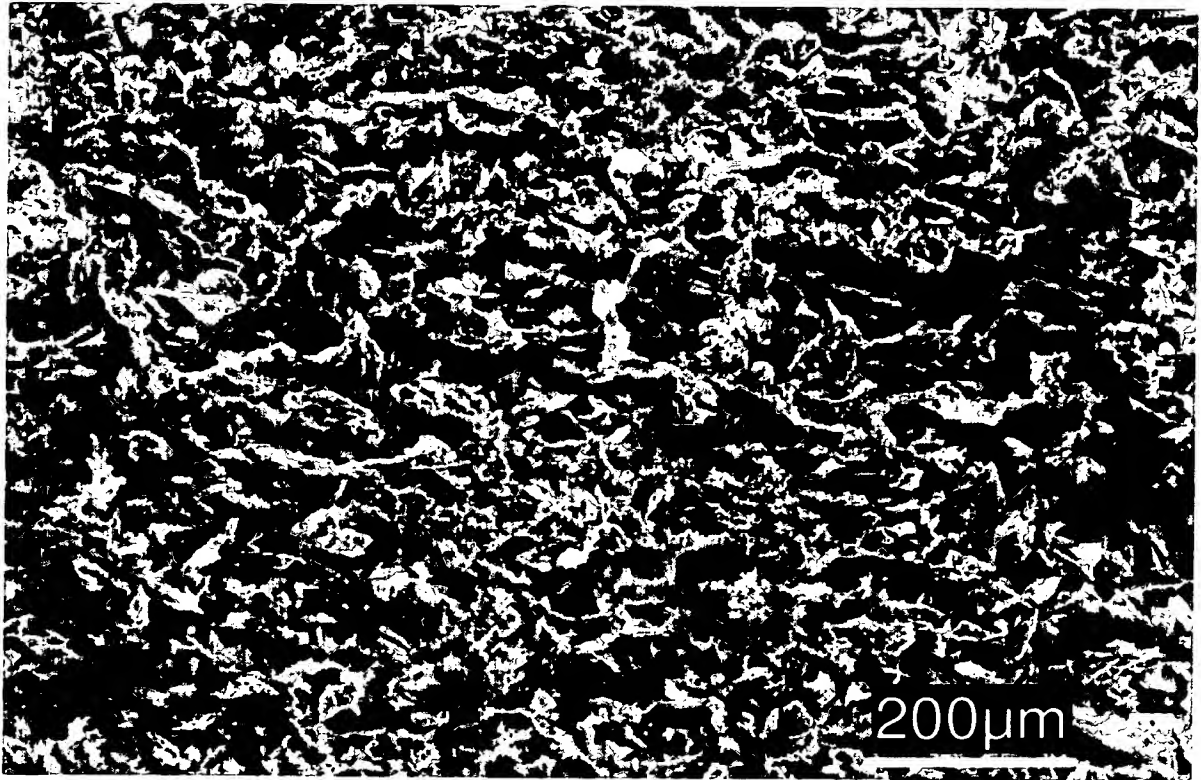


**A**

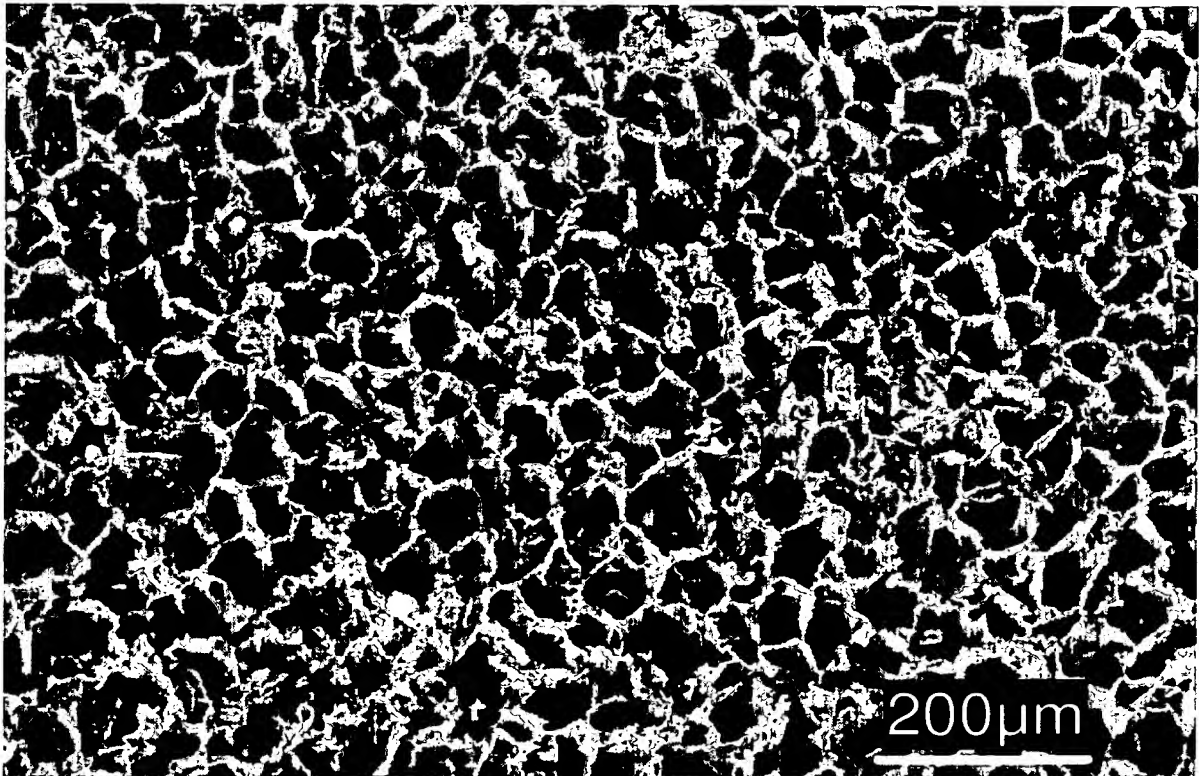
**FIG. 16**

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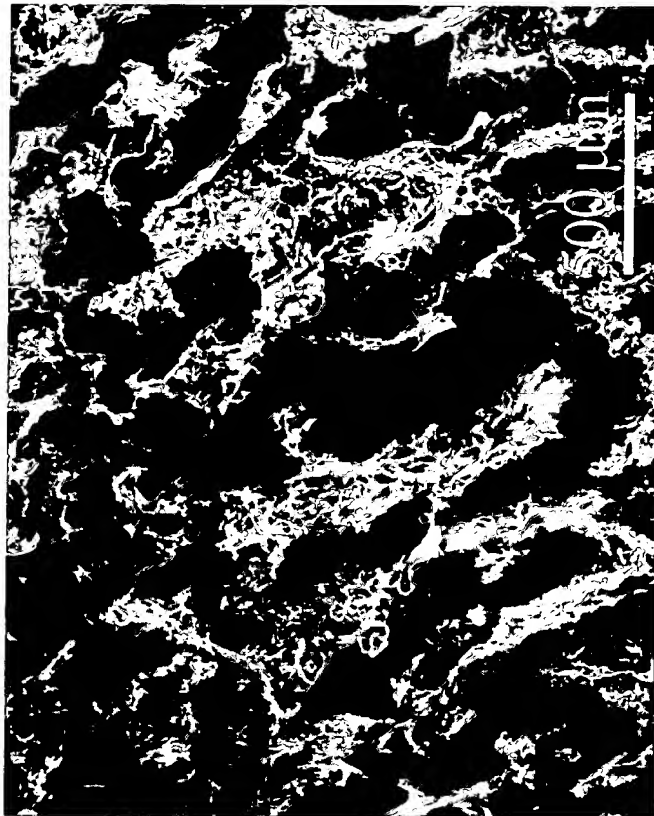




**FIG. 17**

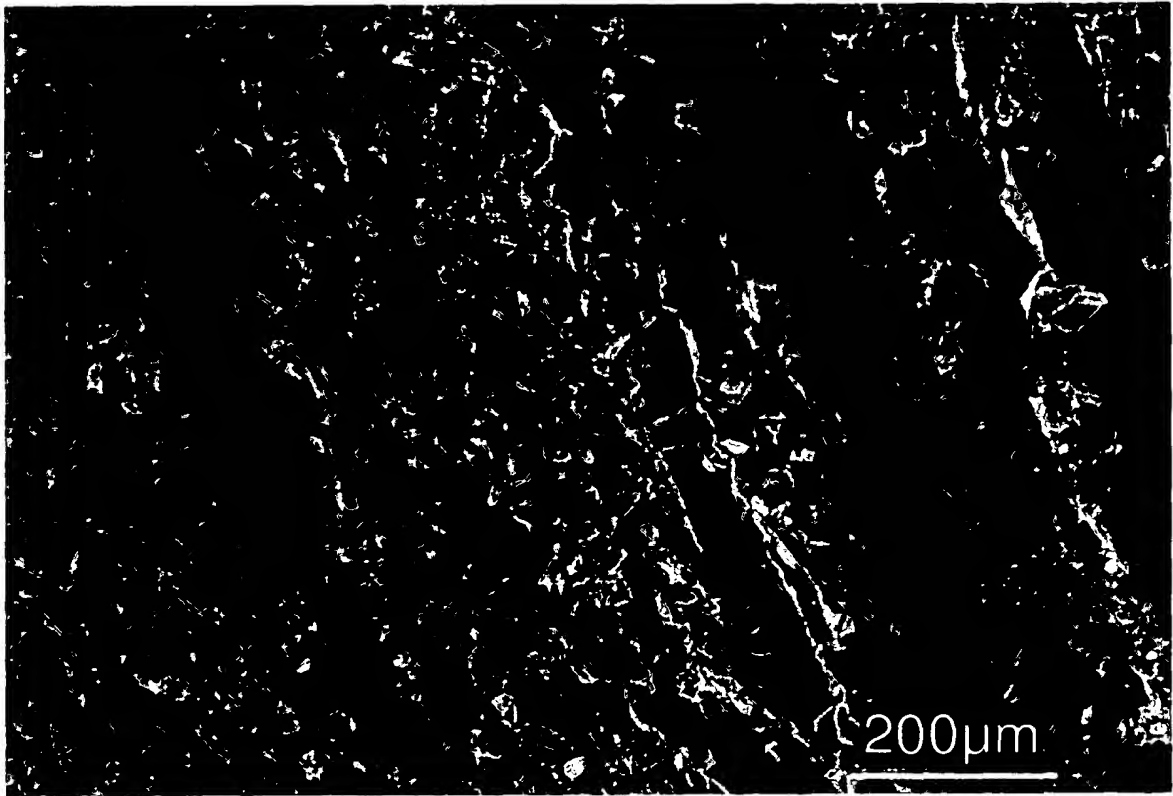


**FIG. 18**

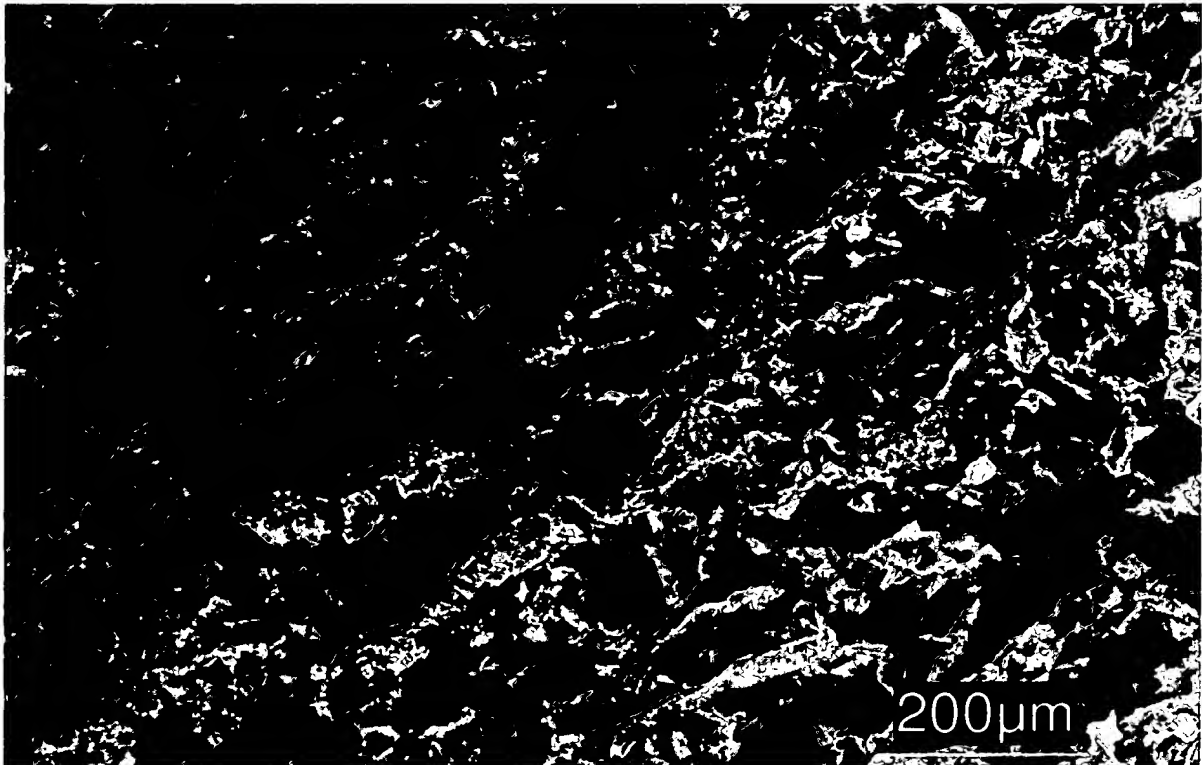


**FIG. 19**

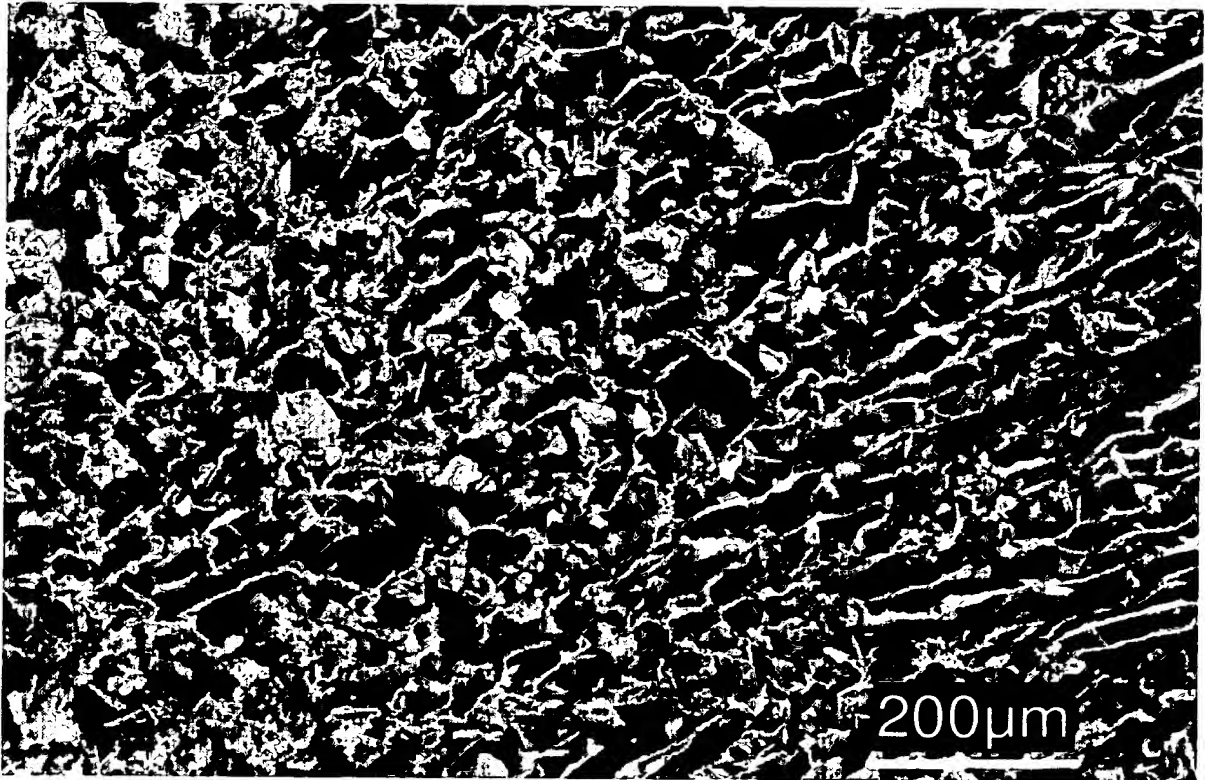
09/939,838 120301



**FIG. 20**



**FIG. 21**



**FIG. 22**

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Serial No.: 09/939,838

Filed: 08/27/2001

Examiner:

Group Art

Applicant: Peter X. Ma

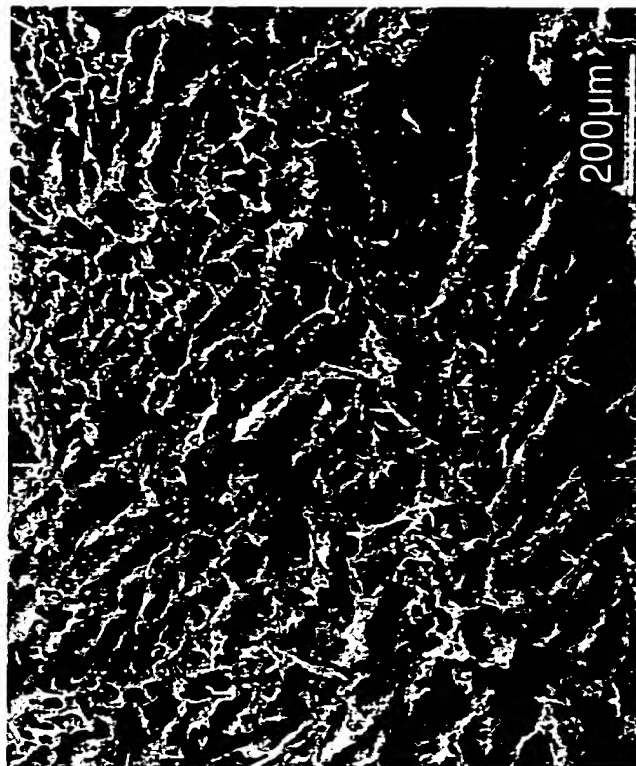
Title: Porous Composite Materials

Atty. Docket No.: UM-06398

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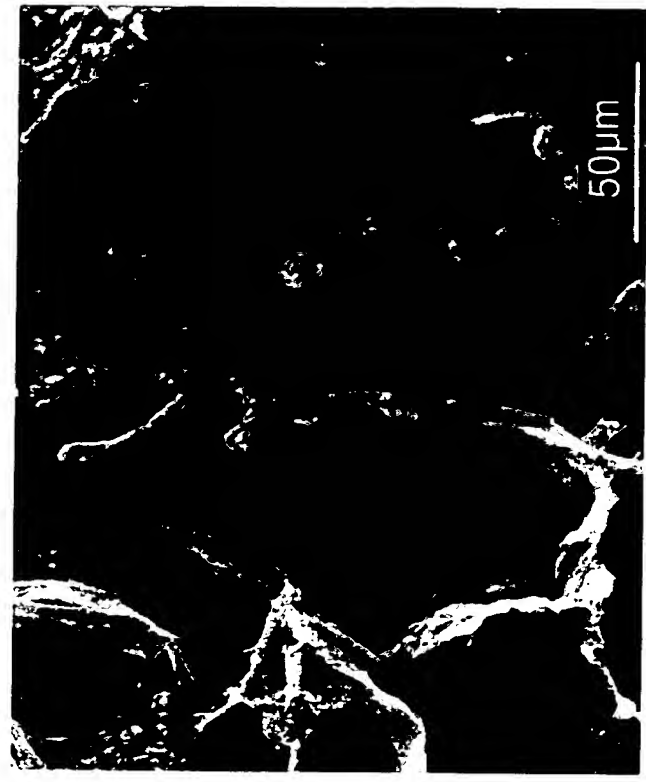


B



A

FIG. 23



**B**



**A**

**FIG. 24**

09/939,838 "FIG. 24"